

Converting Colors

YIQ(198.1850, 8.9440, -18.9280)

Have a look what the booklet for
YIQ(198.1850, 8.9440, -18.9280)
contains.

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Color

**YIQ(198.1850, 8.9440,
-18.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D09C
RGB	195, 208, 156
RGB Percent	76%, 82%, 61%
CMY	0.2354, 0.1843, 0.3882
CMYK	0.06, 0.00, 0.25, 0.18
HSL	75°, 36%, 71%
HSV	75°, 25%, 82%
XYZ	51.0611, 59.1153, 40.1802
YIQ	198.1850, 8.9440, -18.9280

Conversions

Conversions Part 2

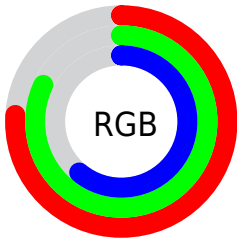
Format	Color
RYB	156, 208, 169
Decimal	12832924
CIELab	81.35, -13.17, 24.40
CIELCh	81, 27.727, 118.361
Yxy	59.1153, 0.3396, 0.3932
Android (android.graphics.Color)	4291023004 (0xFFC3D09C)
YUV	198.1850, -20.7972, -2.7932
Hunter-Lab	76.8864, -16.0076, 22.8360

Details

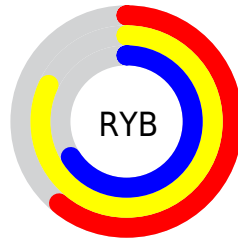
The YIQ color $198.1850, 8.9440, -18.9280$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $165.8150, -8.9440, 18.9280$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $249.0870, 12.3360, -14.3200$, and $144.4130, 8.3020, -18.3060$ is the 20% darker color. If you saturate the color by 10%, you get $194.2960, 12.7050, -26.5190$, and if you desaturate by 10%, it is $202.0740, 5.1830, -11.3370$.

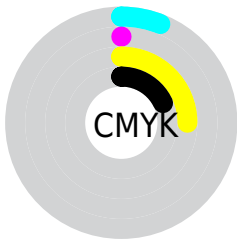
Distribution



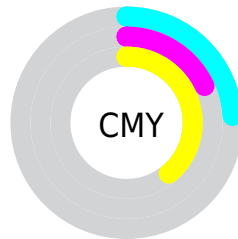
- Red (76%)
- Green (82%)
- Blue (61%)



- Red (61%)
- Yellow (82%)
- Blue (66%)



- Cyan (6%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (24%)
- Magenta (18%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.1850, 8.9440, -18.9280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 198.1850, 8.9440, -18.9280 by changing the saturation by 10% instead.

■ 198.1850, 8.9440,
-18.9280

■ 198.1850, 8.9440,
-18.9280

255.0000, -0.0000,
-0.0000

■ 170.7120, 8.8980,
-18.0940

■ 249.0870, 12.3360,
-14.3200

■ 144.4130, 8.3020,
-18.3060

■ 253.1760, 5.1360,
-4.9760

■ 118.6410, 7.6600,
-17.6840

■ 93.8690, 7.0180,
-17.0620

■ 69.9830, 6.6970,
-16.7510

■ 47.0970, 6.3760,
-16.4400

■ 26.5360, 3.7620,

-13.1180

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 198.1850, 8.9440,
-18.9280

■ 198.1850, 8.9440,
-18.9280

■ 194.2960, 12.7050,
-26.5190

■ 202.0740, 5.1830,
-11.3370

■ 190.4070, 16.4660,
-34.1100

■ 205.9630, 1.4220,
-3.7460

■ 186.3330, 19.3100,
-41.6020

■ 210.0370, -1.4220,
3.7460

■ 182.4440, 23.0710,
-49.1930

■ 213.9260, -5.1830,
11.3370

■ 178.5550, 26.8320,
-56.7840

■ 217.2450, -7.3390,
17.3730

■ 174.6660, 30.5930,
-64.3750

■ 218.7400, -4.3590,
18.4330

■ 170.7770, 34.3540,
-71.9660

■ 220.2350, -1.3790,
19.4930

■ 168.7400, 35.7760,
-75.7120

■ 222.0290, 2.1970,
20.7650

■ 223.5240, 5.1770,
21.8250

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



201.1770, 29.7580, -10.6740



198.1850, 8.9440, -18.9280



194.7890, -16.3640, -22.8280

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198.1850, 8.9440, -18.9280



193.6360, -54.6970, -5.4250



206.7260, 33.7870, 20.9470

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



198.1850, 8.9440, -18.9280



165.8150, -8.9440, 18.9280

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



206.5420, 13.9340, 22.8140



198.1850, 8.9440, -18.9280



199.7080, -36.8640, 7.2960

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198.1850, 8.9440, -18.9280



190.2300, -56.8500, -15.9700



204.3200, -11.9240, 17.8680



205.2460, 43.6460, 12.9740

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198.1850, 8.9440, -18.9280



192.5190, -33.0990, -22.4030



204.3200, -11.9240, 17.8680



206.4420, 28.8350, 22.5870

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



198.1850, 8.9440, -18.9280



251.7520, 3.3940, -6.4460



179.1790, 27.4170, 4.2250



125.8490, 1.7430, -4.0570



0.0000, 0.0000, 0.0000



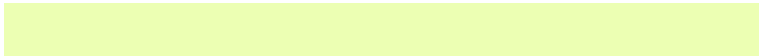
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



198.1850, 8.9440, -18.9280



240.6550, 13.0720, -27.6640



190.4110, -6.5520, -24.4400



102.8490, 1.7430, -4.0570



136.2900, 28.8960, -61.1520



33.3360, 7.2010, -14.8710

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



165.8150, -8.9440, 18.9280



193.3450, -13.0720, 27.6640



173.5890, 6.5520, 24.4400



96.1510, -1.7430, 4.0570



31.7100, -28.8960, 61.1520



7.6640, -7.2010, 14.8710

Previews

White Background



This preview shows how the YIQ color 198.1850, 8.9440, -18.9280 looks on a white background.

Color Contrast Check

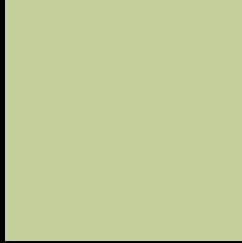
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 198.1850, 8.9440, -18.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

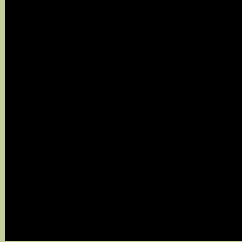
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

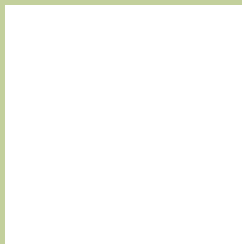
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.1850, 8.9440, -18.9280

Background



This preview shows how black text looks on a background with the YIQ color 198.1850, 8.9440, -18.9280.



This preview shows how white text looks on a background with the YIQ color 198.1850, 8.9440,

-18.9280.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

198.1850, 8.9440, -18.9280

Protanopia

200.6000, 24.0730, -12.2710

Deuteranopia

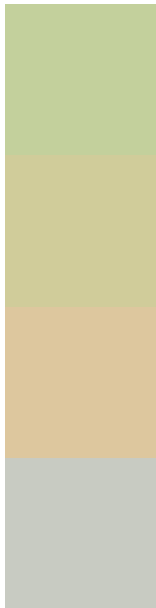
202.5680, 36.2670, -1.9810



Tritanopia

202.7210, -3.3480, 5.6120

Trichromacy



Original Color

198.1850, 8.9440, -18.9280

Protanomaly

199.4960, 18.4340, -14.7020

Deuteranomaly

200.9040, 26.2730, -8.0870

Tritanomaly

201.0770, 1.1010, -3.4350

Monochromacy



Original Color

198.1850, 8.9440, -18.9280

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.3390, 3.1190, -6.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.1850, 8.9440, -18.9280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 208, 156)` looks like.

```
.text, #text, p{  
    color:rgb(195, 208, 156)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 208, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 208, 156) }
```

Border

The CSS property to change the border of an element to YIQ 198.1850, 8.9440, -18.9280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 208, 156) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 208, 156) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(195, 208, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 208, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 208, 156); box-shadow:4px 4px 4px 4px rgb(195, 208, 156) }
```

Background

The CSS property to change the background color of an element to YIQ 198.1850, 8.9440, -18.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 208, 156) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195,  
208, 156) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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